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See attached

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## Indian Point Energy Center Status Report

June 12, 2006

### Operational Status

IP2 is currently at 100% reactor power; the unit has been on line for 25 days and Unit 3 is operating at 100% reactor power and has been on-line for 251 days.

### Groundwater Investigation

- **MW-42 Well – Updated sample results**

Monitoring Well – 42, located near the Unit 1 spent fuel pool and north curtain drain system is a multi-level well from which samples have been obtained at various depths by the NRC, DEC and Entergy. Entergy's results are shown in the table below. The results show isotopes characteristic of North curtain drain water. No radioactivity has been detected in any off-site monitoring location.

Date	Depth	H-3	Sr-90	Cs-137	Co-60	Ni-63
March 22/23	49 ft	2630	51.9	102,000	194	NA
	78 ft	1280	ND	4460	208	NA
April 7	49 ft	3980	73.7	53,100	67.2	5120
	78 ft	792	ND	1980	ND	36.6

*Note: Some data corrected from previous reports*

- **Monitoring Well Results**

Date	ID	Location	H-3	Sr-90
4/26/2006	U3-D4	Unit 3 turbine building	575	ND
4/11/2006	MW-51	Southeast edge of monitoring area	ND	pending
3/31/2006	MW-52	Northeast edge of monitoring area	ND	pending

*Note: MDA for tritium is 500 pCi/L*

- **IP2 Spent Fuel Pool Liner Inspection**

Entergy has begun the second phase of the spent fuel pool liner inspection. Previously, the accessible areas of the pool above the fuel racks were inspected and six suspect areas coated with epoxy. Last week, Entergy began the inspection of the walls adjacent to the fuel racks. There is a narrow gap between the wall and the racks which makes camera movement difficult.



- **Unit 1 Containment Spray Sump**

Entergy has pumped down the Unit 1 containment spray pump which is located in the old superheater structure. The sump tested positive for Sr-90 and the 14,000 gallons of water will be processed through a demineralizer before being discharged through the plant's routine discharge path. A visual and video inspection of the sump will be conducted.

- **IP2 Spent Fuel Pool Leak Collection Box**

The volume of water collected from the IP2 SFP leak collection system continued to drop from the May readings as shown on the table below. No short lived isotopes have been found in the leak collection system. Tritium concentrations have also dropped

Date	Volume (ml)
4/5/06	105
4/14/06	674
4/21/06	403
4/26/06	7
5/3/06	46
5/10/06	1008
5/15/06	1263
5/24/06	1386
5/31/06	901
6/7/06	431

### **Educational Outreach**

Entergy Nuclear Northeast provides customized outreach education programs for schools, youth groups, and civic organizations. The topics we cover include Emergency Planning, Understanding Radiation, Nuclear Fuel and a general overview of the operations of Indian Point Energy Center. If you would like a brochure or are interested in scheduling a program, contact IPEC Communications at 914-271-7441.

If you have any questions or need clarification of the information provided, please contact Kathy McMullin, manager of communications, Indian Point Energy Center, at 914-271-7132.